

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/080,797

Processing Date: 3-19-02  
 Edited by: M. SPENCER  
 Verified by: \_\_\_\_\_ (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: **ENTERED**
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPF

## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/10/080,797

TIME: 10:40:38

Input Set : A:\pto\_ms.txt

Output Set: N:\CRF3\03192002\J080797.raw

4 <110> APPLICANT: Campochiaro, Peter A.  
 5 Dixon, Katharine H.  
 6 Brazzell, Romulus K.  
 8 <120> TITLE OF INVENTION: METHOD FOR TREATING OCULAR  
 9 NEOVASCULARIZATION  
 11 <130> FILE REFERENCE: 4-31881A  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/080,797  
 C--> 13 <141> CURRENT FILING DATE: 2002-02-21  
 13 <160> NUMBER OF SEQ ID NOS: 21  
 15 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 183  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Human  
 22 <400> SEQUENCE: 1  
 23 His Ser His Arg Asp Phe Gln Pro Val Leu His Leu Val Ala Leu Asn  
 24 1 5 10 15  
 25 Ser Pro Leu Ser Gly Gly Met Arg Gly Ile Arg Gly Ala Asp Phe Gln  
 26 20 25 30  
 27 Cys Phe Gln Gln Ala Arg Ala Val Gly Leu Ala Gly Thr Phe Arg Ala  
 28 35 40 45  
 29 Phe Leu Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala  
 30 50 55 60  
 31 Asp Arg Ala Ala Val Pro Ile Val Asn Leu Lys Asp Glu Leu Leu Phe  
 32 65 70 75 80  
 33 Pro Ser Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Pro Leu Lys Pro  
 34 85 90 95  
 35 Gly Ala Arg Ile Phe Ser Phe Asp Gly Lys Asp Val Leu Arg His Pro  
 36 100 105 110  
 37 Thr Trp Pro Gln Lys Ser Val Trp His Gly Ser Asp Pro Asn Gly Arg  
 38 115 120 125  
 39 Arg Leu Thr Glu Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ser  
 40 130 135 140  
 41 Ala Thr Gly Gln Ala Ser Leu Leu Gly Gly Arg Leu Leu Gly Gln  
 42 145 150 155 160  
 43 Ser Ala Ala Ser Cys His His Ala Tyr Ile Val Leu Cys Ile Glu Asn  
 44 165 170 175  
 45 Ser Phe Met Thr Ala Ser Lys  
 46 180  
 48 <210> SEQ ID NO: 2  
 49 <211> LENGTH: 551  
 50 <212> TYPE: DNA  
 51 <213> ORGANISM: Human

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Input Set : A:\pto\_ms.txt

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## 53 &lt;400&gt; SEQUENCE: 2

```

54 acagccaccg cgacttccag ccggtgctcc acctgggtgc gctcaacagc cccctgtcag      60
55 gcggcatgcg gggcatccgc ggggccgact tccagtgtt ccagcaggcg cgggccgtgg      120
56 ggctggcggg caccctccgc gccttcctgt cctcgcgct gcaggacctg tacagcatcg      180
57 tgcgcggtgc cgaccgcgca gccgtgcca tcgtcaacct caaggacgag ctgctgtttc      240
58 ccagctggga ggtctgttc tcaggctctg aggttccgct gaagcccggg gcacgcatct      300
59 tctcctttga cggaaggac gtcctgaggc accccacctg gcccagaag agcgtgtggc      360
60 atggctcga ccccaacggg cgcaggctga ccgagagcta ctgtgagacg tggcggacgg      420
61 aggtccctc ggccacggg caggcctcct cgctgtctggg gggcaggctc ctggggcaga      480
62 gtgccgcgag ctgccatcac gcctacatcg tgctctgcat tgagaacagc ttcagtactg      540
63 cctccaagta g                                     551

```

65 &lt;210&gt; SEQ ID NO: 3

66 &lt;211&gt; LENGTH: 207

67 &lt;212&gt; TYPE: PRT

68 &lt;213&gt; ORGANISM: Mouse

## 70 &lt;400&gt; SEQUENCE: 3

```

71 Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Leu Trp Val Pro
72 1 5 10 15
73 Gly Ser Thr Gly Asp Ala Ala His Thr His Gln Asp Phe Gln Pro Val
74 20 25 30
75 Leu His Leu Val Ala Leu Asn Thr Pro Leu Ser Gly Gly Met Arg Gly
76 35 40 45
77 Ile Arg Gly Ala Asp Phe Gln Cys Phe Gln Gln Ala Arg Ala Val Gly
78 50 55 60
79 Leu Ser Gly Thr Phe Arg Ala Phe Leu Ser Ser Arg Leu Gln Asp Leu
80 65 70 75 80
81 Tyr Ser Ile Val Arg Arg Ala Asp Arg Gly Ser Val Pro Ile Val Asn
82 85 90 95
83 Leu Lys Asp Glu Val Leu Ser Pro Ser Trp Asp Ser Leu Phe Ser Gly
84 100 105 110
85 Ser Gln Gly Gln Leu Gln Pro Gly Ala Arg Ile Phe Ser Phe Asp Gly
86 115 120 125
87 Arg Asp Val Leu Arg His Pro Ala Trp Pro Gln Lys Ser Val Trp His
88 130 135 140
89 Gly Ser Asp Pro Ser Gly Arg Arg Leu Met Glu Ser Tyr Cys Glu Thr
90 145 150 155 160
91 Trp Arg Thr Glu Thr Thr Gly Ala Thr Gly Gln Ala Ser Ser Leu Leu
92 165 170 175
93 Ser Gly Arg Leu Leu Glu Gln Lys Ala Ala Ser Cys His Asn Ser Tyr
94 180 185 190
95 Ile Val Leu Cys Ile Glu Asn Ser Phe Met Thr Ser Phe Ser Lys
96 195 200 205

```

98 &lt;210&gt; SEQ ID NO: 4

99 &lt;211&gt; LENGTH: 624

100 &lt;212&gt; TYPE: DNA

101 &lt;213&gt; ORGANISM: Mouse

## 103 &lt;400&gt; SEQUENCE: 4

```

104 atggagacag acacactcct gctatgggta ctgctgtctt gggttccagg ttccactggt      60
105 gacgcggccc atactcatca ggactttcag ccagtgtctc acctggtggc actgaacacc      120

```

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```

106 cccctgtctg gaggcacgcg tggatatccgt ggagcagatt tccagtgttt ccagcaagcc 180
107 cgagccgtgg ggctgtcggg caccttccgg gctttcctgt cctctaggct gcaggatctc 240
108 tatagcatcg tgcgccgtgc tgaccggggg tctgtgcca tcgtcaacct gaaggacgag 300
109 gtgctatctc ccagctggga ctccctgttt tctggctccc aggggtcaagt gcaacccggg 360
110 gcccgcacat tttcttttga cggcagagat gtcctgagac acccagcctg gccgcagaag 420
111 agcgtatggc acggctcggg ccccagtggg cggaggctga tggagagtta ctgtgagaca 480
112 tggcgaactg aaactactgg ggctacaggt caggcctcct ccctgtgtgc aggcaggctc 540
113 ctggaacaga aagctgagag ctgccacaac agctacatcg tctgtgtcat tgagaatagc 600
114 ttcatgacct ctttctccaa atag 624
116 <210> SEQ ID NO: 5
117 <211> LENGTH: 8
118 <212> TYPE: PRT
119 <213> ORGANISM: Human
121 <400> SEQUENCE: 5
122 Ala Pro Gln Gln Glu Ala Leu Ala
123 1 5
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 38
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: PCR Primer
133 <400> SEQUENCE: 6
134 actggtgacg cggcccatat tcatcaggac tttcagcc 38
136 <210> SEQ ID NO: 7
137 <211> LENGTH: 32
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: PCR Primer
144 <400> SEQUENCE: 7
145 aagggtatc gatctagctg gcagaggcct at 32
147 <210> SEQ ID NO: 8
148 <211> LENGTH: 20
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: PCR Primer
155 <400> SEQUENCE: 8
156 cactgcttac tggcttatcg 20
158 <210> SEQ ID NO: 9
159 <211> LENGTH: 29
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: PCR Primer
166 <400> SEQUENCE: 9
167 ctgatgagta tgggccgcgt caccagtgg 29
169 <210> SEQ ID NO: 10

```

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Input Set : A:\pto\_ms.txt

Output Set: N:\CRF3\03192002\J080797.raw

```

170 <211> LENGTH: 32
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: PCR Primer
177 <400> SEQUENCE: 10
178 aagggtatc gatctagctg gcagaggcct at 32
180 <210> SEQ ID NO: 11
181 <211> LENGTH: 35
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: PCR Primer
188 <400> SEQUENCE: 11
189 gatctctaga ccaccatgca tactcatcag gactt 35
191 <210> SEQ ID NO: 12
192 <211> LENGTH: 30
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: PCR Primer
199 <400> SEQUENCE: 12
200 actggagaaa gaggtttatc tagctactag 30
202 <210> SEQ ID NO: 13
203 <211> LENGTH: 18
204 <212> TYPE: PRT
205 <213> ORGANISM: Adenovirus
207 <400> SEQUENCE: 13
208 Met Arg Tyr Met Ile Leu Gly Leu Leu Ala Leu Ala Ala Val Cys Ser
209 1 5 10 15
210 Ala Ala
213 <210> SEQ ID NO: 14
214 <211> LENGTH: 96
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: PCR Primer
221 <400> SEQUENCE: 14
222 gatctctaga ccaccatgag gtacatgatt ttaggcttgc tcgcccttgc ggcagtctgc 60
223 agcgcggccc atactcatatc tcatcaggac ttctag 96
225 <210> SEQ ID NO: 15
226 <211> LENGTH: 29
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: PCR Primer
233 <400> SEQUENCE: 15
234 atcgatcata ctcatcagga ctttcagcc 29
236 <210> SEQ ID NO: 16

```

## RAW SEQUENCE LISTING

DATE: 03/19/2002

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TIME: 10:40:38

Input Set : A:\pto\_ms.txt

Output Set: N:\CRF3\03192002\J080797.raw

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237 <211> LENGTH: 29
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: PCR Primer
244 <400> SEQUENCE: 16
245 gcggccgcct atttgagaa agaggtcat 29
247 <210> SEQ ID NO: 17
248 <211> LENGTH: 23
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: PCR Primer
255 <400> SEQUENCE: 17
256 tttttttttc agtgtaaaag gtc 23
258 <210> SEQ ID NO: 18
259 <211> LENGTH: 19
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: PCR Primer
266 <400> SEQUENCE: 18
267 cagatgacat cctggccag 19
269 <210> SEQ ID NO: 19
270 <211> LENGTH: 22
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: PCR Primer
277 <400> SEQUENCE: 19
278 ctatacagga aagtatggca gc 22
280 <210> SEQ ID NO: 20
281 <211> LENGTH: 118
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: PCR Primer
288 <400> SEQUENCE: 20
289 gccaaagcttc catgagggcc tggatcttct ttctcctttg cctggccggg agggctctgg 60
290 cagcccctca gcaagaagcg ctcgctcaca gccaccgcga cttccagccg gtgctcca 118
292 <210> SEQ ID NO: 21
293 <211> LENGTH: 123
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: PCR Primer
300 <400> SEQUENCE: 21
301 ccaggtggag caccggctgg aagtcgcggt ggctgtgagc gagcgcttct tgctgagggg 60
302 ctgccagagc cctcccggcc aggcaaagga gaaagaagat ccaggccctc atggaagctt 120

```

VERIFICATION SUMMARY

DATE: 03/19/2002

PATENT APPLICATION: US/10/080,797

TIME: 10:40:39

Input Set : A:\pto\_ms.txt

Output Set: N:\CRF3\03192002\J080797.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date